

## MULTIPLE-INSTANCE MESHING

### ABSTRACT OF THE DISCLOSURE

- 5           One embodiment disclosed relates to a switching system. The switching system includes first, second, and third sets of switches. The first set of switches is configured with a first instance of meshing software such that the switches in the first set are members of a first mesh domain. The second set of switches is configured with a second instance of the meshing software such that
- 10   the switches in the second set are members of a second mesh domain. The third set of switches is configured with both the first and second instances of the meshing software such that the switches in the third set are members of both the first and second mesh domains. Another embodiment disclosed relates to a packet switch apparatus executing multiple instances of meshing software.
- 15   Another embodiment disclosed relates to a method of configuring a switching system having multiple mesh domains.